OUR NAVAL NEEDS AS DISCLOSED BY THE RECENT WAR GAME

Failure of Admiral Fletcher's Fleet to Cope With a Potential Invader Held to Demonstrate Weakness in Many Details---Greatest Lack in Battle Cruisers and Destroyers

potential invader coming in

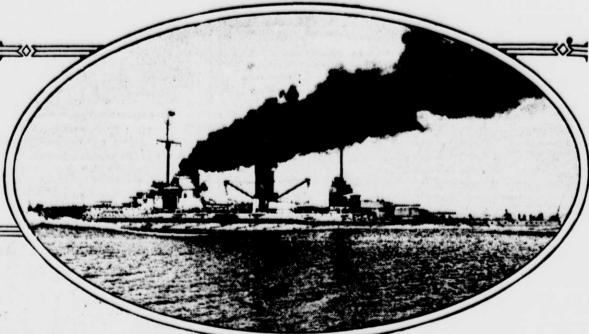
types of battle craft! his outcome of mimic war is likely give every peace loving citizen food deal of thought. As has been d over and over again, the navy is coming from over the sea

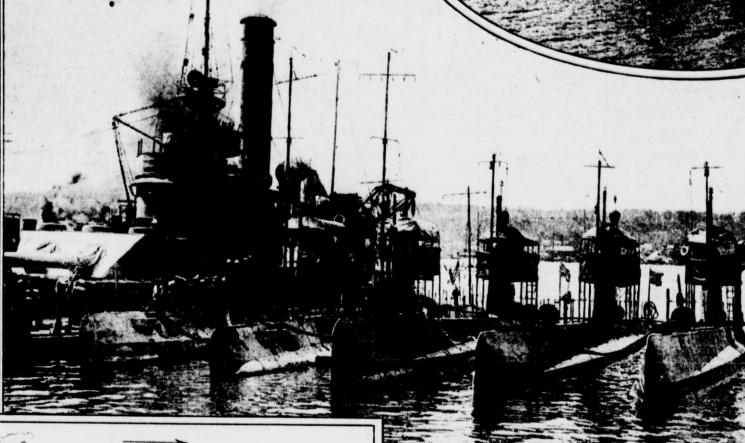
but that was only make be-In time of actual ies only hits count, and you know Admital Fletcher could not fire The military experts ne comfort in this fashion. To m the nation is face to face with a I shortage in our battle ficet. uid realize it, because every foreign miralty knows of our deficiencies her schemes of action take full it of our weaknesses.

not necessary to go into any details affecting the recent war at Adm al Fletcher's problem much more modest one than impending strife. Instead of g the entire Atlantic coast to was called upon to intercept alled the "Reds" secking to reach and to establish there an ce base with n a zone bounded eastern limits of Maine on the and Cape Hatteras on the south. Admiral Frank Edmund Beatty me e handful of ships to reprenortile force, but because of

on the first time in more than ing destroyers. The scout cruisers go two years the navy has played further afield, while the destroyers form a secondary line of observation. The scout cruisers destroyers form a secondary line of observation. The German light cruisers are vessels ranging from 4,300 to 4,900 tons. Atlantic s aboard. The defend-Blues" under Admiral Frank high speed and strong batteries of battle of the North Sea are craft of steher have lost. Theoreti- rapid fire guns-not to mention the 5,500 tons, and sturdy and faster than is unable to cope longer range of their more powerful our scout cruisers, because they can

mind vs outfix-are actually able to go hammering along at full tilt in force and provided with the outstrip speedier destroyers in stormy stormy weather. But ask the experts,





E type (first two on left) and D type (remaining three) of United States submarines.

twenty-one knots and some of them a liggest of these battle cruisers. Our of his boats the official acknowledgine in the field of his arm of his field of his arm of his

ing made in the way of armored defence. The average maximum speed for our first line battleships is something short of nineteen knots, although most of the vessels can do twenty-one knots and some of them a

THE INDISPENSABLE ITEM OF A GENTLEMAN'S WARDROBE

rines engaged in the work cut out for

Daniels that he has set about reor-

ganizing the administration of this

battle cruiser, 25,000 tons dis-

placement, speed (maxi-

mum) 28.13 knots.

tralize this disadvantage.

to prove how justified Commander impossible now."
Stirling was in his attitude.

This was take

monitors is that they have bunking accommodations for crews of the underwater boats and can carry some One foreign supplies and spare parts. At Panama nown proposed to build a boat of an old sailing vessel is used for a 1,000 tons, capable of making surely tender and recently, in order to move 18 and possible 19 knots an hour, and this craft about, a tug has been or- guaranteed to have that vessel ready dered there, so that the outfit can shift for delivery inside of two years from around when the submarines go sea-ward for manœuvres! And yet Capt. They did not say the undertaking Winterhalter declared that the flotilla would be an experimental one, nor that had tenders enough.

where serious than this said the serious than this said the fact that the submarines them every particular. That promise was selves are not measuring up to report and in actual performance of the property o The Seydlitz, type of German are falling far behind what has been as far back as August of 1913. shown possible abroad. It is charged If the Secretary of the Navy had that the engines are experimental, done what he had in mind then the that the storage battery is a vexa- United States navy would in the dreadnoughts in playing for a strate-igic advantage. Although more vulnerable than our dreadnoughts, su- in these particulars than our foreign submarine vastly superior to anyperiority of position might easily neu- rivals.

Admiral von Spee's ships, it will be seriously by the naval experts. They of the German boats now have to recalled, were in the shade, well night know that the engines of our sublost in the gray of dusk, while marines have given a vast deal of The mimic war game between Ad-Cradock's cruisers were sharply out- trouble and that other nations have miral Fletcher's defenders and Rear lined against the afterglow of the found engines that are fit for this par- Admiral Beatty's invaders has brought western sky. It should also be kept ticular kind of work.

of the main rellance of their navles, the first of our seagoing submarines- fore that had made clear to the naval but that the foreign services in ques-tion depend ultimately upon their slower but mightier battleships. To meet an enemy's squadron of battle ised. But again, we are told that this be made good still we shall need light cruisers we should have to depend boat of 1.000 tons is so big an advance cruisers for heavy weather scouting. upon the best of our dreadnoughts, and while these were so engaged the foels dreadnoughts would probably be able to hammer their way through our said less formleable approximation. Both to the foels dreadnoughts would probably be able to hammer their way through our said less formleable approximation. Both to be so be an advance of these contings and then there are battle cruisers to neavy weather scouting, and then there are battle cruisers to the provided. Lastly, our whole substitutions and less formleable approximation. ther and less formidable opposing this craft involve technical difficulties boats and these must be as efficient of a serious nature and, accordingly, as those now owned by certain Euro-The recent naval war game revealed that the Government has allowed the pean navies. another weakness of our fleet: a dis- successful bidder three years in which | Further, we must have seagoing or heartening percentage of the submato build the boat.

the defending Blues failed. This has so thoroughly disturbed Secretary be a back number and lag years be at least of the best now active on the secretary be a back number and lag years be at least of the best now active on the secretary be a back number and lag years be at least of the best now active on the hind the state of the art in Europe, other side of the Atlantic Commander branch of the navy. A short while This may be a mortifying revelation Sterling has said: The smallest sub to most Americans, but it is neverthe- marine that should be built should less true. Substantially all of our not be smaller than about 500 tons back Mr. Daniels was busy sounding the praises of our under water craft ing made in the way of armored de-knots an hour and armed with

tives tried to hide the state of ! templated asking authority from this affairs by parrying the questions of Congress to purchase a submarine or his inquisitors. The recent break- submarines abroad, but of course the downs among the submarines are held European war makes such a course

This was taken to mean but one In the name of economy our sub- thing. Our office of naval intellimarine divisions have been provided gence had found out how far we with improvised tenders in the shape lagged behind Europe in submarine of three little harbor defence monitors of three little harbor defence monitors were also to operate in sheltered waters and never intended to face the rigors of heavy seas. These monitors have not proper repair facilities aboard and this necessitates subjecting the submarines to a measure of neglect through delayed attention which only serves to make their stays at payy yards doubly long. of three little harbor defence monitors boat building. But Mr. Daniels has at navy yards doubly long.

The best that can be said of these they have ever constructed for our

One foreign firm of worldwide re-1,000 tons, capable of making surely the engines were a debatable quantity. More serious than this is said to be but they stood ready to make good in

thing now in our service, and which This last assertion is not taken could do everything that the biggest

our deficiencies more directly home to Considerable has been written about us; but the war in Europe long be-

fleet submersibles-not experimental Like all the rest of our submarines, craft, but vessels that can do the work

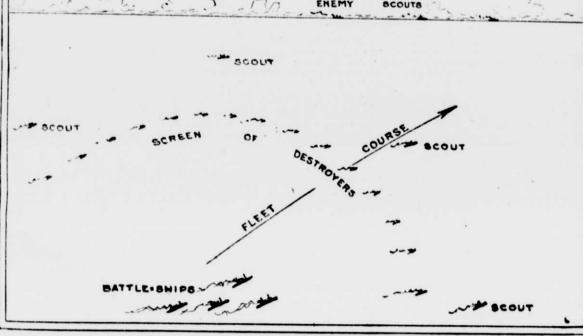


Chart snowing general arrangement of scouts and description in relation to advancing need

representing modern battle units.

represeting modern battle units. established, acording to the sules of in groups and within closer intervals! Abroad, and among our own to ransportation. Why did Admiral possibly hidden below the horizon.

to defend our shores be- hour. force was sadly lacking in scout

ndeed, the North Sea battle screen.

his ships and his battle cruisers.

Town in versally recognized as essen- and the boats are regarded as part dreadnoughts of increased speed and hint in behalf of a million perfectly formidable gun power—a sacrifice be- respectable, well meaning middle aged

weather, to annihilate these, and thus with our coast line, what are three to break through the foe's screen and vessels of this sort even if they meas-

the game, an advance base properly they may hold the enemy boats of the experts, the generally accepted rule is mined and sufficiently defended to same type at bay, battle with them that done, theoretically, the Reds were in a position to land a large military force. The same type at bay, battle with them further away from the objects of their own inquisitiveness. In short the speedy light cruiser and the distroyer serve a twoposition to land a large military force and to start an active invasion, strikdag northward toward Washington, Filt more, Philadelphia or New York, The supposition was that the enemy would make full use of existing railroads and any other available facilities.

Indeed, our second line battleships too should have the same number of destroyers to serve for near scouting and stroyers to serve for near scouting and stroyer to serve in the first product of the heavy battleships so shielded and the course of the heavy battleships so shielded and the course of the heavy battleships so shielded and the course of the heavy battleships so shielded and the course of the heavy battleships so shielded and the course of the heavy battleships so shielded and the course of the heavy battleships so shielded and the course of the heavy battleships so shielded and the course of the heavy battleships so shielded and the course of the same number of destroyers to serve for near scouting and should have the same number of destroyers to serve for near scouting and should have the same number of destroyers to serve for near scouting and the course of the same number of destroyers to serve for near scouting and the course of the supposition was that the enemy and that of screening work. But we fall worthly short when it comes to living up to the same number of destroyers to serve for near scouting and should have the same number of destroyers to serve for near scouting and the course of the supposition was the supposition when the same number of the stroyers to serve a twostroyers to serve for near scouting and the supposition was the supposition when the same number of the stroyers to serve a twostroyers to reads and any other available facilities the heavy battleships so shielded and and second lines a total of 36 battle

of the many problems confronting a stroyers. Rear Admiral Hipper, com-flect or squadron commander, Between manding the German squadron, had quite apart from their service as tordual forces victory may go to the also a formidable array of battle pedo vessels, play an exceedingly im-cae having the choice of position or cruisers covered by a screen of high portant part in the strategy leading the advantage of light. Again, success of a certain plan may hinge entirely destroyers—the scouting ships and destroyers—the scouting ships and destroyers being in advance and the first eyes of the heavy ships, and without a all times a squadron's base, whether to come in contact with the British a sufficient number of these a squad-that he a permanent one or one to be Vice-Admiral's scouting craft. The ron is either shortsighted or blind, as etablished, will largely influence the German light cruisers were capable of the case may be. When Rear Admiral her in which the flag officer will speeds ranging from 25 to 27.25 knots Beatty, commanding the Red squadron and'e his vessels either in seeking an hour, while the well nigh homoge- recently, turned the southern flank of avoiding the enemy, or in d'sposing neous light cruiser squadron of the Admiral Fletcher's furthest flung de-the forces at his disposition.

British—somewhat bigger ships—had stroyer, the defending Blues were left Admiral Fletcher falled a uniform speed of fully 25.5 knots an in the dark. They could not get in

force of battle cruisers wirelessed the the Chesapeake, where he theoretically information to Rear Admiral Hipper, established a base for our invasion. wers and totally lacking in battle who sought to edge off so as to gain. He could not have done this had been advantage in falling back upon his Admiral Fletcher had enough scouting mother story of shortage and in- hase at Heigeland. The Kalser's de- craft to cover a wider arc and thus things are not matters of out for them, strove to hold off the from the coast, giving in that way able for negligee wear, something one where an honest difference British destroyers and by their smoke ample warning, so that the defending can wear out on the porch on a sultry to hide the movement of their armored dreadnoughts could be moved in time summer day without offending the ships. But Vice-Admiral Sir David to intercept the enemy before he could conventions and scandalizing the the battles so far fought Beatty's scouts broke through the veil accomplish his purpose.

Beatty's scouts broke through the veil accomplish his purpose.

In point of fact Admiral Fletcher and humiliating one's daughters or and both Atlantic and in the North rivals back as they tore through the probably had at his disposal fewer winning the contempt of one's sons.

chardedness than the action off the great German cruisers swung the great German cruisers swung around Rear Admiral Hipper's umbreated Islands fight, spectacular and interest in the great German cruisers swung the scouting arc from the coast of the market and not one of them the scouting arc from the coast of the market and not one of them the coast of the ing a game of chess with stakes that could only have been fought with navy recommended the building of two scarcely be considered perfect.

the honor if not the security The Chester, that represented a asked Congress to appropriate for that the nation he represents. There—squadron of battle cruisers for the number, but our national legislators a perfect product.

The nation he represents. There—squadron of battle cruisers for the number, but our national legislators a perfect product.

Ministers who is of the utmost importance Red force in our recent war game, is were in a thrifty mood and allowed Ministers who is the number, but our national legislators are perfect product. that he should be able to "feel a ship of 4,600 tons, and when a thou-possible antagonist, lear he sand tons lighter has made 26.5 knots. The public has heard enough about comfortable in church may think they desure of his force and his line of an hour. The Birmingham and Salem battle cruisers to have a fair idea of have done their whole duty, but we cance while blenself being shielded of the same class and size are less the nature of these vessels. They speedy. While we were pioneers in really represent the modern idea of cloth without just reason, perhaps we To that end two types of vessels are building these vessels, we halted there the armored cruiser and are actually may be permitted to drop a gentle

Blues and within the time limit | The destroyers measure terms with to the fleet European navies have gone

Abroad, and among our own nava Pietcher's Blues fail?

To the popular mind the principal purpose of battle craft is to get at the fee as quickly as possible and to destroy him or to weaken him so that e cape is his only choice short of surrender. This, however, is but one of the many problems confronting a stroyers. Bear Admiral Hipper company to the above ratio we should have 144 destroyers. Actually we have finished and ready for duty only 53 of these boats, which means that we have but a little more than one-third the number we ought to have available.

As has been said, the destroyers. ships, and according to the above

touch with the invaders, and accordfleet was not a balanced one The German scouts as soon as they ingly Admiral Beatty was able to slip modern acceptation of the term. learned of the nature of the British by unnoticed and to make a dash into present product closely approaches

He could not have done this had practical standpoint,

what followed is well known. As the scouting arc from the coast of on the market and not one of them

battle cruisers and Secretary Meyer article of apparel which causes family

TRIPED silk suspenders with German silver and oxidized buckles are coming in again. During the approaching season provisor that no coatless gentlemen without suspenders on would be adviced by some supporters will be much after the missing season of the considerable weight and circumstants who will take chances less ravishing to the eye, but we attendance at divine service would grow by leaps and bounds. The ministers may not know it, but nevertheless the shirtwaist boys, a substantial part of suspenders for the shirtwaist boys, a substantial part of suspenders may make a man look full development and expansion of the communicants who will take chances less ravishing to the eye, but we attendance at divine service would grow by leaps and bounds. The ministent the provise of the strength of suspenders are a lot of elder brothers. The suspenders may make a man look full development and circumstants who will take chances less ravishing to the eye, but we attendance at divine service would grow by leaps and bounds. The ministent of the communicants who will take chances less ravishing to the eye, but we attendance at divine service would grow by leaps and bounds. The ministent of the communicants who will take chances less ravishing to the eye, but we attendance at divine service would grow by leaps and bounds. The ministent of the communicants who will take chances the communicants who will take chances.

Suffice to say that if the invitation grow by leaps and bounds. The ministent of the communicants who will take chances the communicants who will take chances the communicants who will take chances the communicants who will take the communicants who will take the communicants the communicants who will take the communicants the communicants the co

portly person can throw out his HINT TO THE HOSTESS tidence when he has suspenders on. As a general rule it may be said that The fleds outwitted the defenders, send back information to the remote ured up to the requirements? While a man whose waist measure puts to we have halted in this vital adjunct shame his chest measure ought to ultivate suspenders, even if the law doesn't require him to wear them.

prevailed among the shirtwaist boys hat suspenders were not exactly good form to wear in public. The 25 cent kind, given away with each \$15 suit. may not be very ornate, but one may find wonderfully attractive patterns at he haberdashers' for \$1 and upward The better shops are now showing exlusive designs which really vie with he present vogue in hatbands, so that the discriminating dresser should be able to obtain some fetching effects in negligee. One progressive store is featuring

in old English model in an artistic weave known as surcingle webbing. with rusted mountings and ingenious asps at the shoulders to keep the uspenders close up against the neck. American inventive capacity has inleed made the modern article incomparably superior to the one-strap galus and shingle nail attachment of our grandsires' time, though the ideal suspender has by no means been achieved In former days men wore suspenders

o ward off colds, fines or imprisonment and gave little thought to the esthetics of the custom. But a great impetus was given the evolution of he garment by the discovery of adjustable buckles and indetachable buttons. with the addition more recently of stern halyards, shock absorbers and ball bearing devices. So that the commercial perfection, although leaves much to be desired from the

no one has yet succeeded in designing

jars and unpleasantness can be called

Ministers who invite men to take

COOCI LIIITI &

Education is not everything. Many a popular woman knows just enough to put two and two

reason at all, suspend By Sara Moore ers deserve first place in a man's wardrobe. But there is at least on other very good reason why the substantial man should abhor the be

and confine himself to suspenders. That dread affliction denudation of the dome is in all probability due in part to inadequate respiratory ex-change, sub-oxidation, shallow breathing, insufficient aeration of the blood plasma; and we know of nothing mor favorable for such a condition than the wearing of a belt instead of suspenders. It is a common enough observation that as soon as a man begins develop a bay window his frontal eminence begins to spread toward bi-occiput. A moment's consideration will show the direct relation between the hypertrophy below and the atrophy above. And the scientific mind will at once grasp the connection between both lamentable abnormalities and the absence of suspenders.

The last reason in the world for wearing suspenders is to hold up the trousers. We must learn to look upon as the beneficent thing it is, namely, a hest developer and conserver of the

Among the leading furnishers the consensus of opinion seems to be that shades and material to match the shirt will have the largest vogue though it is anticipated that turkey red and pale lavender will regain their vances. But these are minor details The important point is that suspenthe revival will prove a lasting suc

THE LURE OF SUNDAY MORNING.

have to go to work on Sunday that so many of them snooze the morning away" said a Brooklyn man who hasn't had to work for the past dozen years. "The fact is that ling and its influence actually

morning relaxes completely when a goes to bed and sleeps without any goes to bed and sleeps without any nervous strain. Naturally be world get enough if he went to bed at a reasonable hour by the usual rising time, but instead of that he continues in a delightful doze. This is induced by the Sunday stillness. The usual disturbing merning sounds are absent and the consciousness is not aroused. The person isn't sleeping, he is merely unable to pull his energies tomerely unable to pull his energies to gether and wake up. He is auto-in-excitated, doped or anything you want much needed rest through mental or hical and physical causes. That's dain enough, isn't it?"